AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (original): A driving assist system for a vehicle, comprising:

a traveling condition recognition device that detects a state of the vehicle and a traveling environment of the vehicle;

a risk potential calculation device that calculates a risk potential present around the vehicle based upon detection results obtained by the traveling condition recognition device;

a reaction force adjustment device that adjusts reaction force characteristics of a vehicle operating device based upon the risk potential calculated by the risk potential calculation device;

an external influence detection device that detects an external influence which will affect an operation of the vehicle operating device by a driver; and

a reaction force correction device that corrects the reaction force characteristics of the vehicle operating device adjusted by the reaction force adjustment device, based upon detection results obtained by the external influence detection device.

Claim 2 (original): A driving assist system for a vehicle according to claim 1, wherein:

the reaction force adjustment device adjusts at least one of reaction force
characteristics of an accelerator pedal and reaction force characteristics of a steering device as
the reaction force characteristics of the vehicle operating device.

Claim 3 (original): A driving assist system for a vehicle according to claim 1, wherein:

the reaction force adjustment device adjusts reaction force characteristics of an accelerator pedal as the reaction force characteristics of the vehicle operating device;

the external influence detection device detects a state of inclination of a lane on which the vehicle is traveling as the external influence; and

the reaction force correction device corrects the reaction force characteristics of the accelerator pedal in conformance to the state of inclination of the lane detected by the external influence detection device.

Claim 4 (original): A driving assist system for a vehicle according to claim 1, wherein:

the reaction force adjustment device adjusts reaction force characteristics of a
steering device as the reaction force characteristics of the vehicle operating device;

the external influence detection device detects a curving direction of a lane on which the vehicle is currently traveling and a direction along which the risk potential is present as the external influence; and

the reaction force correction device corrects the reaction force characteristics of the steering device in conformance to the curving direction of the lane and the direction along which the risk potential is present relative to the vehicle detected by the external influence detection device.

Claim 5 (original): A driving assist system for a vehicle according to claim 3, wherein:

the reaction force adjustment device calculates a reaction force adjustment

quantity for the accelerator pedal in correspondence to the risk potential and adjusts the reaction

force characteristics of the accelerator pedal by incorporating the reaction force adjustment

quantity; and

the reaction force correction device makes a correction so as to reduce the reaction force adjustment quantity calculated by the reaction force adjustment device if the lane is an uphill lane and makes a correction so as to increase the reaction force adjustment quantity calculated by the reaction force adjustment device if the lane is a downhill lane.

Claim 6 (original): A driving assist system for a vehicle according to claim 4, wherein: the reaction force adjustment device calculates a reaction force adjustment quantity for the steering device in correspondence to the risk potential and adjusts the reaction force characteristics of the steering device by incorporating the reaction force adjustment quantity; and

the reaction force correction device, (a) corrects the reaction force adjustment quantity calculated by the reaction force adjustment device if the curving direction and the direction along which the risk potential is present do not match and (b) leaves the reaction force adjustment quantity calculated by the reaction force adjustment device if the curving direction and the direction along which the risk potential is present match.

Claim 7 (original): A driving assist system for a vehicle according to claim 6, wherein:
the reaction force correction device; (a) incorporates the reaction force adjustment
quantity along both a steering direction matching the curving direction and a steering direction
opposite from the curving direction when the curving direction and the direction along which the
risk potential is present match and (b) incorporates the reaction force adjustment quantity along
the steering direction matching the curving direction and incorporates the corrected reaction

force adjustment quantity along the steering direction opposite from the curving direction when the curving direction and the direction along which the risk potential is present do not match.

Claim 8 (original): A driving assist system for a vehicle according to claim 6, wherein: the reaction force correction device; (a) incorporates the reaction force adjustment quantity along both a steering direction matching the curving direction and a steering direction opposite from the curving direction when the curving direction and the direction along which the risk potential is present match and (b) incorporates the corrected reaction force adjustment quantity along the direction opposite from curving direction without incorporating the reaction force adjustment quantity along the steering direction matching the curving when the curving direction and the direction along which the risk potential is present do not match.

Claim 9 (original): A driving assist system for a vehicle according to claim 6, wherein:

the reaction force correction device; (a) changes an inclination of the reaction
force characteristics by incorporating the reaction force adjustment quantity along both a steering
direction matching the curving direction and a steering direction opposite from the curving
direction when the curving direction and the direction along which the risk potential is present
match and (b) changes the inclination of the reaction force characteristics by incorporating the
corrected reaction force adjustment quantity along the steering direction opposite from the
curving direction without altering the inclination of the reaction force characteristics along the
steering direction matching the curving direction when the curving direction and the direction
along which the risk potential is present do not match.

Claim 10 (original): A driving assist system for a vehicle according to claim 7, wherein:

the traveling condition recognition device detects at least a steering angle of the steering device; and

the reaction force correction device corrects the reaction force adjustment quantity based upon the risk potential and the steering angle.

Claim 11 (original): the traveling condition recognition device detects at least a steering angle of the steering device; and

the reaction force correction device corrects the reaction force adjustment quantity based upon the risk potential and the steering angle.

Claim 12 (original): A driving assist system for a vehicle, according to claim 9, wherein:
the traveling condition recognition device detects at least a steering angle of the
steering device; and

the reaction force correction device corrects the reaction force adjustment quantity based upon the risk potential and the steering angle.

Claim 13 (original): A driving assist system for a vehicle according to claim 1, wherein:

the external influence detection device detects a driver's perception of a reaction
force generated at the vehicle operating device as the external influence.

Claim 14 (original): A driving assist system for a vehicle according to claim 13, wherein: the vehicle operating device is an accelerator pedal; and

the external influence detection device detects a state of depression of the accelerator pedal to judge the driver's perception, wherein the external influence detection device judges the driver's perception to be acute if an extent to which the accelerator pedal is depressed is being increased and judges the driver's perception to be dull if the extent of depression is being decreased.

Claim 15 (original): A driving assist system for a vehicle according to claim 14, wherein:

the external influence detection device estimates the state of depression based

upon a running resistance of the vehicle.

Claim 16 (original): A driving assist system for a vehicle, comprising:

a traveling condition recognition means for detecting a state of the vehicle and a traveling environment of the vehicle;

a risk potential calculation means for calculating a risk potential present around the vehicle based upon detection results obtained by the traveling condition recognition means;

a reaction force adjustment means for adjusting reaction force characteristics of a vehicle operating device based upon the risk potential calculated by the risk potential calculation means;

an external influence detection means for detecting an external influence which will affect an operation of the vehicle operating device by a driver; and

a reaction force correction means for correcting the reaction force characteristics of the vehicle operating device adjusted by the reaction force adjustment means, based upon detection results obtained by the external influence detection means.

Claim 17 (original): A vehicle driving assist method, comprising:

detecting a state of a vehicle and a traveling environment of the vehicle;

calculating a risk potential present around the vehicle based upon the state of the vehicle and the traveling environment of the vehicle;

adjusting reaction force characteristics of a vehicle operating device based upon the risk potential;

detecting an external influence which will affect an operation of the vehicle operating device by a driver; and

correcting the reaction force characteristics of the vehicle operating device adjusted according to the risk potential, based upon the external influence.

Claim 18 (original): A vehicle, comprising:

a traveling condition recognition device that detects a state of the vehicle and a traveling environment of the vehicle;

a risk potential calculation device that calculates a risk potential present around the vehicle based upon detection results obtained by the traveling condition recognition device;

a reaction force adjustment device that adjusts reaction force characteristics of a vehicle operating device based upon the risk potential calculated by the risk potential calculation device;

an external influence detection device that detects an external influence which will affect an operation of the vehicle operating device by a driver; and

a reaction force correction device that corrects the reaction force characteristics of the vehicle operating device adjusted by the reaction force adjustment device, based upon

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detection results obtained by the external influence detection device.

Claim 19 (new): The system of claim 1, wherein the reaction force correction device corrects the reaction force characteristics differently based on different levels of a running resistance estimating a state of a pedal operation by the driver of the vehicle.

Claim 20 (new): The vehicle of claim 18, wherein the reaction force correction device corrects the reaction force characteristics differently based on different levels of a running resistance estimating a state of a pedal operation by the driver of the vehicle.